MN984323.1 Melanogaster macrocarpus OR
MN984318.1 Melanogaster macrocarpus OR
MN984328.1 Melanogaster macrocarpus OR (1 species with some alleles)
JN022499.1 Melanogaster macrocarpus S OR oak (and Madrone Doug fir root tip)
MN984317.1 Melanogaster macrocarpus OR
MN984322.1 Melanogaster macrocarpus OR
MN984326.1 Melanogaster macrocarpus OR
MN984321.1 Melanogaster macrocarpus OR
MN984320.1 Melanogaster macrocarpus WA
MN984327.1 Melanogaster macrocarpus WA
MN984325.1 Melanogaster macrocarpus ID
MN594289.1 Melanogaster tuberiformis 1831 EU (Alvarado 2021) (macrocarpus 1995 similar ITS)
MN984319.1 Melanogaster macrocarpus (outlier) OR
EU784372.1 Melanogaster cf intermedius UK (type UK)
KX168661.1 Melanogaster cf intermedius EU
MN984334 Melanogaster PNW06 (=SOC1321) S OR
JN022515 Melanogaster PNW06 S OR (3/0/1 MN984334) oak (+madrone Doug fir root tip)
MN594286.1 Melanogaster ambiguus EU (Alvarado 2021)
MN994353 Melanogaster ambiguus EU (3 variation)
KX438335 Melanogaster ambiguus EU (3 variation)
MN984331.1 Melanogaster natsii TYPE OR
MN984316.1 Melanogaster euryspermus 3 complex OR (very short)
MN984313.1 Melanogaster euryspermus 3 complex OR
MN984310.1 Melanogaster euryspermus 3 complex OR
MN984309.1 Melanogaster euryspermus 3 complex OR
Melanogaster euryspermus 3 complex WA iNat42929669 (type OR)
MN984312.1 Melanogaster euryspermus 3 complex OR
AY918954.1 Melanogaster euryspermus 3 complex OR oak
MN984311.1 Melanogaster euryspermus 3 complex OR
MN984307.1 Alpova (Melanogaster) trappei CA
MN984306.1 Alpova (Melanogaster) trappei OR
MN594287.1 Melanogaster broomeanus EU (Alvarado 2021)
MN594290.1 Melanogaster variegatus EU (Alvarado 2021)
AJ555525 Melanogaster cf vittadinii (nom inval) EU
Melanogaster
KF835993.1 Alpova diplophloeus TYPE WA
NR 154686 Alpova concolor TYPE OR
Alpova concolor WA iNat99837086
Alpova
Paxillus ammoniavirescens (should match TYPE) KU671295
Paxillus ammoniavirescens IN01 WA iNat34942342 (2-3/0) (trees not noted)
iNat17474507 Paxillus ammoniavirescens IN01 6/0 OR (no trees noted)
iNat17474858 Paxillus ammoniavirescens IN01 8/0/1000 OR (trees not noted)
iNat17479483 Paxillus ammoniavirescens IN01 4/0 OR (perhaps cottonwoods)
MH718197.1 Paxillus ammoniavirescens IN01 6/0 BC (no birch)
Paxillus ammoniavirescens IN01 (3/0) WA iNat34941399 (trees not noted)
JF899567.1 Paxillus ammoniavirescsns IN01 BC (4/0)
MG523273.1 Paxillus obscurisporus (3/0) Boreal BC
Paxillus obscurisporus WA 1/0/1 iNat34941393 (no trees noted)
DQ647827 Paxillus cf vernalis China (type MI) (2/0 ammoniavirescens)
Paxillus obscurisporus (should match TYPE) GU799614 SWE
Paxillus involutus UNITE 1 SWE (should match TYPE) KT387095
HQ604826.1 Paxillus involutus Vanc BC (trees not noted)
KM402970.1 Paxillus involutus doug fir env sample S BC (1/3)
EU486436 Paxillus involutus Vancouver Capilano Vanc BC (1/3) (trees not noted)
MG953978.1 Paxillus involutus Capilano Vanc BC (deciduous)
Paxillus cuprinus UNITE (should match TYPE) JN661728
Paxillus cuprinus 43637 Urban birch
MH718213.1 Paxillus cuprinus Vancouver BC
MH718247.1 Paxillus cuprinus BC (+NAMA 2018 MP6598820)
iNat 18019475 Paxillus cuprinus (hemlock alder) BTSP
iNat 34346618 Paxillus cuprinus (hazlenut Doug fir hemlock maple madrone) BTSP
iNat17479348 Paxillus cuprinus OR
iNat 34547466 Paxillus cuprinus no birch BTSP
Paxillus cuprinus Vashon WA (2/1) MO337896
PSMS429 Paxillus cuprinus OR iNat98675228 ITS2
Paxillus
KF373781.1 Tapinella atrotomentosa (outgroup)
0.050